

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)
PTO-1449 (modified)

Atty. Docket #

Serial No.

ANO 6277 US / 3166

10/676,176

Applicant

Solhage, F. et al.

Filing Date
October 1, 2003

Group Art Unit

U.S. P.	ATENT DOCUMENTS	Continued o	n page 21	October 1, 200			
Init	Document Number	Date		ame	Class	Subclass	Filing Date
	2,876,217	03-1959	Paschall		260	233.3	1 ming bate
	3,422,087	01-1969	Caesar		260	233.3	
	4,070,236	01-1978	Carrard et al.		162	164 R	
	4,388,150	06-1983	Sunden et al.		162	175	
	4,687,519	08-1987	Trzasko et al.		106	211	
	4,755,259	07-1988	Larsson		162	178	
	4,785,087	11-1988	Stober et al.		536	111	
	4,927,498	05-1990	Rushmere		162	168	
1	4,954,220	09-1990	Rushmere		162	168.3	
	4,961,825	10-1990	Andersson et al.		162	175	
	4,980,025	12-1990	Andersson et al.		162	168.3	
	4,981,958	01-1991	Stober et al.		536	45	
	5,116,967	05-1992	Fischer et al.		536	50	
	5,127,994	07-1992	Johansson		162	168	
	5,129,989	07-1992	Gosset et al.		162	147	
	5,176,891	01-1993	Rushmere		423	328.1	
	5,277,764	01-1994	Johansson	et al.	162	175	
	5,368,833	11-1994	Johansson		423	338	
	5,447,604	09-1995	Johansson		162	181.6	
	5,463,127	10-1995	Deavenport		564	292	
	5,470,435	11-1995	Rushmere et al.		162	181.6	
	5,538,596	07-1996	Satterfield et al.		162	164.5	
	5,543,014	08-1996	Rushmere e	et al.	162	181.6	
	5,571,494	11-1996	Saastamoin	en	423	338	
	5,573,674	11-1996	Lind et al. Moffett Andersson et al. Andersson et al. Johansson et al. Saastamoinen		210	702	
	5,584,966	12-1996			162	168.1	
	5,603,805	02-1997			162	168.3	
	5,607,552	03-1997			162	181.6	
	5,643,414	07-1997			162	164.6	
	5,688,482	11-1997			423	335	
	5,707,493	01-1998	Saastamoinen		162	164.1	
	5,733,414	03-1998	Stockwell		162	164.5	
44	5,755,930	05-1998	Satterfield et al.		162	164.1	
V 5,827,372 10-1998		10-1998	Bhirud et al.		127	71	
EXAMI	NER /Roy Issae	/ (12/21/20	06) DAT	E CONSIDER	D 12	/21/2006	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page 2 of 3 INFORMATION DISCLOSURE CITATION Atty. Docket # Serial No. (Use several sheets if necessary) PTO-1449 (modified) ANO 6277 US / 3166 10/676,176 Applicant Solhage, F. et al. Filing Date Group Art Unit October 1, 2003 **U.S. PATENT DOCUMENTS** Init Document Number Date Name Class Subclass Filing Date RI 5,858,174 01-1999 Persson et al. 162 164.1 RI 6,033,524 03-2000 Pruszynski et al. 162 165 6,103,885 08-2000 Batelaan et al. RT 536 18.7 FOREIGN PATENT DOCUMENTS [continued on page 3] **Document Number** Publ. Country Class Subclass Translation Date Yes No RI 041 056 B1 12-1981 **European Patent Office** D21D 3/00 189 935 A2 08-1986 **European Patent Office** C08B 11/193 303 039 B1 02-1989 **European Patent Office** C08B 31/12 X 400 361 B1 12-1990 **European Patent Office** C08B 31/12 Х 500 770 B1 09-1992 **European Patent Office** D21H 21/10 603 727 B1 06-1994 **European Patent Office** D21H 17/28 693 146 B1 01-1996 **European Patent Office** D21H 17/53 695 385 B1 02-1996 **European Patent Office** D21H 17/48 702 697 B2 03-1996 European Patent Office C08B 11/15 737 210 B2 10-1996 European Patent Office C08B 31/00 752 496 B1 01-1997 European Patent Office D21H 23/04 874 000 A2 & A3 10-1998 **European Patent Office** C08B 37/00 X 1 080 271 B1 03-2001 European Patent Office D21H 23/04 1 080 272 B1 03-2001 **European Patent Office** D21H 23/08 1 090 054 B1 04-2001 **European Patent Office** C08G 18/08 WO 94/05596 A1 03-1994 **PCT International** C01B 33/143 WO 94/24169 A1 10-1994 PCT International C08B 11/15 WO 95/21295 A1 08-1995 **PCT** International **D21H** 17/48 WO 95/21296 A1 08-1995 **PCT** International D21H 17/53 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) [continued on page 3] Derwent Abstract No. 012127697 abstracting EP 874 000. RI Derwent Abstract No. 1987:578519 abstracting JP62149702. English language translation of Japanese Laid-Open No. 1987-149702; laid-open date July 3, 1987.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

/Roy Issac/ (12/21/2006)

DATE CONSIDERED 12/21/2006

EXAMINER

1	Ó	(F	E	7
P			2004	المناس المناس
K	Era 1	RAD	EMANY	7

	<u> </u>		·	<u>. </u>					
FARM	INFORMATION DI (Use several shee PTO-1449 (Atty. Docket # ANO 6277 US / 3166		Serial No.	Serial No. 10/676,176				
		Applicant Solhage, F. et al.		10/0/0,11	10/0/0,170				
			Filing Date October 1, 20	Group Art	Group Art Unit				
U.S. F	U.S. PATENT DOCUMENTS								
Init	Document Number	Date	Name Class			Subclass	Filing	Date	
							 		
							 		
	·						†		
	· · · · · · · · · · · · · · · · · · ·								
FORE	IGN PATENT DOCUM								
	Document Number	Publ. Date	Country		Class	Subclass	Translation		
							Yes	No	
RI	WO 99/55964 A1	11-1999	PCT Interna	ational	D21H	23/04			
	WO 99/55965 A1	11-1999	PCT International		D21H	23/08			
	WO 99/67310 A1	12-1999	PCT International		C08G	18/08			
	WO 00/49227 A1	08-2000	PCT International		D21H	21/10			
V	WO 02/12626 A1	02-2002	PCT Interna	ational	D21H	23/76			
				-					
OTUE	D DOOL WAS NOT O	l							
	R DOCUMENTS (Incl								
	Patel, S. P. et al., "Synthesis and Characterization of Quaternary Ammonium Compounds of Guar Gum and Hydroxyethyl Guar Gum," Starch/Stärke, Vol. 41, No. 5 (1989) pp. 192-196.								
рт	Iller R K et al "Degree of Hydration of Particles of Colleidal Silica in Aguacus Salution, " L Di								
RI	Sears Jr. G.W. "Determination of Specific Surface Area of Colleged Silica by Titation with C. II								
	1.1300/100, 7.11alytical Chem., Vol. 20, No. 12 (1900), pp. 1981-1983.								
									
-+									
	<u> </u>		·						
EVAL	INCO								
EXAM	INEK /Roy Issac	:/ (12/21/20	06) DA	TE CONSIDER	ED	12/21/2006	2		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.